

Category	Sub Category	Topic	0-2 yrs	Actual (What you're currently aware of)					
Basics	Dev Environment	Flutter CLI	Y	Advanced	Legend				
		Android Studio	Y	Advanced		Y	Must Have		
		Visual Studio	Y	Advanced		O	Good to have		
		DartPad	Y	Advanced		N	Not required		
	Dart Basics	OOPs	Y	Advanced					
		Variables	Y	Advanced					
		Built-in Types	Y	Advanced					
		Functions	Y	Advanced					
		Control Flow Statements	Y	Advanced					
		Operators	Y	Advanced					
		Widgets	Material Widgets	Y	Advanced				
			Cupertino Widgets	Y	Advanced				
			Material Design	Y	Advanced				
Inherited Widgets			O	Advanced					
Stateful Widgets			Y	Advanced					
Stateless Widgets			Y	Advanced					
Styled Widgets			Y	Advanced					
Assets		Fonts	Y	Advanced					
		Images	Y	Advanced					
		Other File types	O	Advanced					
Version Control		Git	Y	Advanced					
Repo Hosting		Github	Y	Advanced					
		Bitbucket	O						
	Gitlab	O	Intermediate						
Design Principles	Dependency Injection	O	Intermediate						
	Design Patterns	O	Intermediate						
	SOLID Principles	O	Intermediate						
	Observers	O	Intermediate						
	Command	O	Intermediate						
	Builder	Y	Intermediate						
	State	Y	Intermediate						

	Factory	O	Intermediate				
	Composite	O	Intermediate				
Package Manager	Pub.dev	Y	Advanced				
	CocoaPods	O	Intermediate				
	Gradle	O	Advanced				
	Popular Plugins	O	Intermediate				
	Flutter PUB	Y	Advanced				
	Dart PUB	Y	Advanced				
Networking	Web Sockets	O	Intermediate				
	GraphQL	O	Intermediate				
	RESTful APIs	Y	Advanced				
	JSON	Y	Advanced				
Storage	Simple Persistence	Y	Advanced				
	Serialiser	O	Advanced				
	SQFlite	Y	Advanced				
	Shared Preferences	Y	Advanced				
	Local Storage	Y	Advanced				
	Keychain	O	Beginner				
	Keystore	O	Beginner				
Architectural Patterns	MVC	Y	Advanced				
	MVVM	O	Advanced				
	Unidirectional Data Flow	O	Intermediate				
	Lifting State	O	Intermediate				
	Hexagonal Architecture	O	Intermediate				
Testing	TDD	O	Intermediate				
	BDD	Y	Advanced				
	Unit Testing	Y	Advanced				
	Integration Testing	O	Intermediate				
	Widget Testing	O	Intermediate				
	Change Notifier	Y	Advanced				
	Value Notifier	Y	Advanced				
	Redux	O	Beginner				

Flutter	State Management	Riverpod	O	Intermediate				
		BLoC	Y	Advanced				
		Provider	Y	Advanced				
		Get	Y	Intermediate				
	Advanced Dart	RxDart	O	Beginner				
		Lists	Y	Advanced				
		Collections	Y	Advanced				
		Lambdas	Y	Advanced				
		Functional Programming	O	Intermediate				
		Isolates	O	Intermediate				
		Async / Await	Y	Advanced				
		Core Libraries	Y	Advanced				
		Streams	Y	Advanced				
		Futures	Y	Advanced				
	Animations	Hero	Y	Intermediate				
		Curved Animation	O	Intermediate				
		Opacity	Y	Advanced				
		Animation Controller	Y	Advanced				
		Animated Builder	Y	Advanced				
		Animated Widget	Y	Advanced				
	Languages	kotlin	O	Intermediate				
		Java	O	Intermediate				
		Swift	O	Beginner				
		Objective C	O	Beginner				
		FFIgen	O					
		JNIgen	O					
	Dev Tools	Flutter Inspector	Y	Advanced				
		Flutter Outline	Y	Intermediate				
		Memory Allocation	Y	Intermediate				
		Profiling	Y	Beginner				
Leaks		Y	Beginner					
Performance		Y	Intermediate					

Flutter Internals	Framework Architecture	Y	Advanced				
	Dart VM	O	Beginner				
	Render Objects	O	Advanced				
	Layouts	Y	Advanced				
	Immutability	Y	Advanced				
CI / CD	Fastlane	O	Beginner				
	Codemagic	O	Beginner				
	Bitrise	O	Beginner				
	Github Actions	O	Intermediate				
	Firebase App Distribution	O	Intermediate				
Beyond Mobile	Flutter Web	O	Intermediate				
	Flutter Desktop	O	Intermediate				
	Server	O	Intermediate				
Security	OWASP MASVS	O	Beginner				
	freeRASP	O	Beginner				
Analytics	Segment	O	Beginner				
	Mixpanel	O	Beginner				
	Firebase Analytics	Y	Intermediate				
	Google Analytics	Y	Beginner				
	Crash logging	Y	Beginner				
	A/B Testing	O	Beginner				
Deployment	App Store and Console	Y	Intermediate				
	Play Store and Console	Y	Intermediate				
	Firebase Deploy for Flutter Web	O	Intermediate				
	Guidelines and Protocols for Respective P	Y	Intermediate				
Firebase	Authentication	Y	Advanced				
	Storage	Y	Advanced				
	Firestore	Y	Advanced				
	Push Notifications	Y	Advanced				
	Remote Config	O	Beginner				
	Cloud Functions	O	Beginner				